

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10991744-4

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Janice Nickel

Confirmation No.: 8131

Application No.: 09/981,277

Examiner: M. Lewis

Filing Date: 10/17/2001

Group Art Unit: 2822

Title: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING FERROMAGNETIC LAYERS
HAVING FLATTENED PEAKS

Mail Stop AF
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

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MAY 28 2004

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- | | |
|---------------------------------|--|
| (X) Response/Amendment | () Petition to extend time to respond |
| () New fee as calculated below | () Supplemental Declaration |
| (X) No additional fee | |
| () Other: _____ (fee \$ _____) | |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	11	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$960.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Janice Nickel

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)
Reg. No. 33,890

Date: 5/28/2004

PATENT
PDNO 10991744-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Janice Nickel

Serial No. 09/981,277
Filed: October 17, 2001

: Confirmation No. 8131
:

: Examiner: Monica Lewis
: Group Art Unit: 2822

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For: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING
FERROMAGNETIC LAYERS HAVING FLATTENED PEAKS

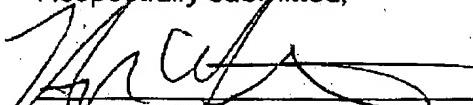
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RESPONSE

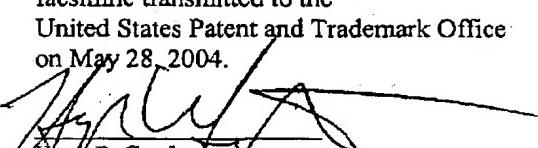
This is a response to the office action dated March 25, 2004 and made final. This response includes a listing of claims, and a section for remarks. No amendments were made to the claims.

Respectfully submitted,



Hugh P. Gortler
Reg. No. 33,890

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on May 28, 2004.


Hugh P. Gortler

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Date: May 28, 2004